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Title: Artificial Chromosome Constructs Containing Foreign

Nucleic Acid Sequences

Applicant(s): Brian Horsburgh et al. Filing Date: November 4, 2003

Page _1_ of _3_

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. 1/3

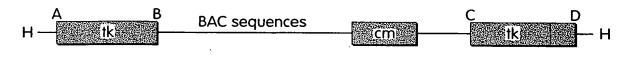
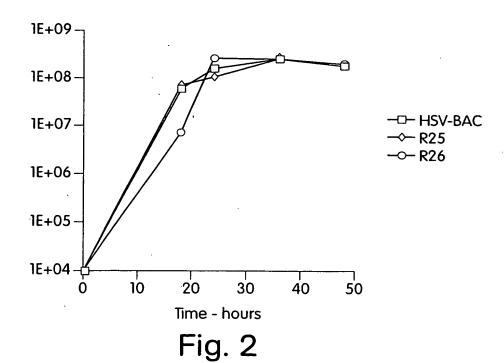


Fig. 1



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Page _2_ of _3_

Customer No.: 21559

2/3

HVS-BAC Mutagenesis

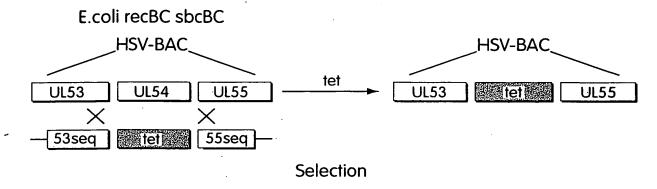


Fig. 3A

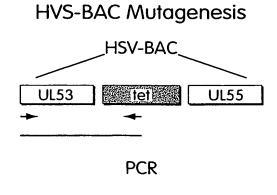


Fig. 3B

Title: Artificial Chromosome Constructs Containing Foreign

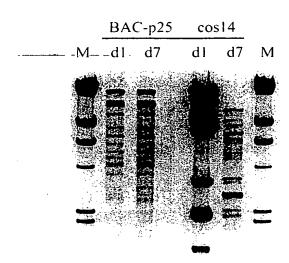
Nucleic Acid Sequences

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Page _3_ of _3_

Customer No.: 21559

3/3



Stability of BAC plasmid, p25 v cosmid 14, EcoRV digest

Fig. 4